

Title (en)

TAILWIND ALERTING SYSTEM TO PREVENT RUNWAY OVERRUNS

Title (de)

ACHTERLICHEN WIND WARNSYSTEM UM LANDEBAHN-AUFLAUF ZU VERMEIDEN

Title (fr)

SYSTEME D'ALERTE EN CAS DE VENT ARRIERE DESTINE A EVITER LES SORTIES EN BOUT DE PISTE

Publication

EP 1861757 B1 20150422 (EN)

Application

EP 06748365 A 20060310

Priority

- US 2006008931 W 20060310
- US 66503105 P 20050323
- US 16136805 A 20050801

Abstract (en)

[origin: US2005270180A1] Systems, methods and computer program products for alerting a flight crew during landing that the tailwind exceeds acceptable limits. The system determines a base tailwind threshold speed for a candidate runway based on a performance constant associated with an aircraft and candidate runway information and determines present tailwind speed. If the tailwind speed is greater than the base tailwind threshold speed, a tailwind alert is generated. Also, the system determines if the aircraft is in a tailwind alerting mode based on configuration of the aircraft and activates tailwind alerting, if it is determined that the aircraft is in the tailwind alerting mode.

IPC 8 full level

G05D 1/06 (2006.01); **G01C 5/00** (2006.01); **G08B 23/00** (2006.01)

CPC (source: EP US)

G01C 5/005 (2013.01 - EP US); **G05D 1/0676** (2024.01 - EP US)

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DE FR GB

DOCDB simple family (publication)

US 2005270180 A1 20051208; **US 7394402 B2 20080701**; CA 2606667 A1 20060928; EP 1861757 A1 20071205; EP 1861757 B1 20150422; WO 2006101806 A1 20060928

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